

IN THE CLAIMS:

1. (currently amended) A system for treating stenosis in a blood vessel comprising:

a first expandable stent and a first graft overlying the first expandable stent, the first graft having a first lumen for blood flow and having a first end, a second end, an intermediate portion between the first and second ends, and an opening in the intermediate portion;

a second expandable stent and a second graft overlying the second expandable stent, the second graft extending at an angle to the first graft and having a second lumen communicating with the first lumen of the first graft, at least a portion of the second graft extending through the opening in the intermediate portion of the first graft.

wherein the first stent has a longitudinally extending spine and axially spaced circumferentially extending ribs extending from the spine and the second stent has a longitudinally extending spine and axially spaced circumferentially extending ribs extending from the spine, the ribs of the first stent terminate in spaced apart end portions and the ribs of the second stent terminate in spaced apart end portions, the end portions of the ribs of the first stent interleaving with the end portions of the ribs of the second stent to aid insertion.

Claims 2-7 (canceled)

8. (currently amended) A system for treating stenosis in a target blood vessel comprising:

a graft portion having a main portion and a branch portion extending therefrom, the main portion having a first end, a second end and an intermediate portion between the first and second ends, the branch portion extending from the intermediate portion at an angle thereto and in fluid communication with the main portion;

a first stent associated with the main portion and expandable from a first configuration to a second configuration to retain the main portion in position within the target vessel; and

a second stent associated with the branch portion and expandable from a first configuration to a second configuration to retain the branch portion in position within a branching vessel. wherein the branch portion is integral with the main portion;

wherein the first stent has a plurality of ribs having first end portions and the second stent has a plurality of ribs having second end portions, wherein the first end portions interleave with the second end portions to reduce the cross sectional area for insertion.

9. (canceled) The system of claim 8, wherein the branch portion is integral with the main portion.

Claims 10-12 (canceled)

13. (original) The system of claim 8, wherein the first and second stents are positioned within the main and branch portions, respectively, so the main and branch portions expand upon expansion of their respective stents.

Claims 14-15 (canceled)

16. (previously amended) The system of claim 8, wherein the main and branch portions each include a longitudinally extending spine.

Claim 17 (canceled)

18. (original) The system of claim 8, wherein the main and branch portions include a series of spines spaced axially and radially with respect to each other.

19. (currently amended) A system for treating stenosis in a target blood vessel comprising:

a graft having a first end portion, a main portion and a second end portion, the second end portion being bifurcated to form a main portion extension and a branch portion, the branch portion and the main portion extension being in fluid communication;

a first stent positioned within at least the main portion or the first end portion and expandable from a first configuration to a second configuration to retain the graft in position within the target vessel wherein the first stent has a longitudinally extending spine and axially spaced circumferentially extending ribs extending from the spine; and

a second stent positioned in the branch portion and expandable from a first configuration to a second configuration to retain the branch portion in position within a branching vessel;

wherein each of the ribs forms a C-shape with opposing end portions terminating opposite one another and spaced apart from one another.

Claims 20-22 (canceled)

23. (previously amended) The system of claim 19, wherein the first and second stents are formed from a laser cut tube.
24. (previously amended) The system of claim 8, wherein the first and second stents are formed from a laser cut tube.
25. (canceled) The system of claim 19, wherein each of the ribs forms a C-shape with opposing end portions terminating opposite one another.
26. (currently amended) The system of claim 1 or 28, wherein ~~tips~~ end portions of the ribs of the first stent interleave with ~~tips~~ end portions of ribs of the second stent.

Claim 27 (canceled).

28. (previously amended) The system of claim 19, wherein the second stent includes a plurality of curved ribs each having first and second end portions, the end portions of the ribs of the first stent are offset with respect to the end portions of the ribs of the second stent.

Please add the following claims:

29. (previously added) The system of claim 1, wherein the longitudinally extending spine has a plurality of radially and axially spaced segments.
30. (previously added) The system of claim 1, wherein the first and second stents are formed from a laser cut tube.
31. (canceled) The system of claim 1, wherein the second stent includes a longitudinally extending spine and axially spaced circumferentially extending ribs extending from the spine.
32. (canceled) The system of claim 31, wherein the ribs of the first stent terminate in spaced apart end portions and the ribs of the second stent terminate in spaced apart end portions, the end portions of the ribs of the first stent interleaving with the end portions of the ribs of the second stent to aid insertion.
33. (previously added) The system of claim 30, wherein adjacent ribs of the first stent are spaced apart to form gaps to receive a portion of ribs of the second stent.

34. (currently amended) The system of claim 1, wherein the circumferential ribs are C-shaped and each include an end portion, the end portions of ~~opposing~~ ribs that are opposite one another are offset with respect to each other to enable interleaving.